

MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/16/2014, 9/17/2014, 9/18/2014	Man Days: 3
Inspection Unit: Marion	
Location of Audit: Marion	
Exit Meeting Contact: Chuck Tebbe	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: 917 W Main St., Marion IL.	Construction Performed By: KS Energy	
Contractor Foreman:	Terry Paul	
Operator Inspector:	John Siempelkamp	
Person(s) On Job Site		
Mike John	Todd Sissom	Bill Holman
Jeff Lauderdale	Kaleb Paul	
Description of Construction: Staff witnesses excavation and joining of plastic PE main.		

MAIN INSTALLATION		Status
[192.55]	Steel	Yes
<u>General Comment:</u> Retiring 353 feet of 2 inch steel main.		
[192.59]	PE	Yes
<u>General Comment:</u> Installing 430 feet of 4 inch/ 2inch PE main.		
[192.59]	Other	No

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[192.5]	Class location :	Class 1
[192.619,192.621,192.623]	MAOP	30 PSI
[192.63]	Pipe Size :	2 and 4 inch
[192.55,192.59]	Specification :	ASTM 2513
[192.55,192.59]	Manufacturer :	DriscoPlex
[192.55,192.59]	Pipe Grade :	PE 2406/3408
[192.55,192.59]	Wall Thickness :	DR 11
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Date of Welder qualification:	Not Applicable
<u>General Comment:</u> <i>No welding was done while Staff was onsite.</i>		
[192.227]	Welder's Name:	Not Applicable
<u>General Comment:</u> <i>No welding was done while Staff was onsite.</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Unsatisfactory
<u>NOA Comment:</u> <i>On September 18, 2014, Staff noted two contrasting sticker dates on a Central Fusion box EF 108 serial #24834. One sticker was dated February, 2013, and the other sticker date documented that the prevented maintenance was due in July 2014. The Ameren Illinois Operations and Maintenance Manual does not give a definitive statement about when, how, or if the electro fusion boxes will be calibrated. In order for this NOA to be closed the Ameren Illinois Operations and Maintenance Manual must state a processes for ensuring proper maintenance of the electro fusion boxes.</i>		
[192.285]	Date of Plastic Joining Qualification :	Qualified :3/17/14 Requalification Due: 3/17/15
[192.285]	Joiner's name:	Mike Johnston
[192.455]	Is buried metallic pipe coated?	Satisfactory
[192.461]	Does coating meet 192.461?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided?	Not Applicable
<u>General Comment:</u> <i>The new main that was being installed was plastic PE pipe.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	Not Applicable
<u>General Comment:</u> <i>The new main that was being installed was plastic PE pipe.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	Not Applicable

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<u>General Comment:</u>		
<i>The new main that was being installed was plastic PE pipe.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<u>General Comment:</u>		
<i>The new main that was being installed was plastic PE pipe.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Satisfactory
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<u>General Comment:</u>		
<i>Staff examined the construction specs for job number/DOJM 4SHA276710</i>		
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
[192.321(e)]	Does plastic pipe have means of locating while underground?	Satisfactory
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
[192.503]	Are general testing requirements being met?	Not Checked
<u>General Comment:</u>		
<i>There was not any testing done while Staff was onsite.</i>		
[192.517]	Are records being made of strength and leak tests?	Not Checked
<u>General Comment:</u>		
<i>There was not any testing done while Staff was onsite.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Satisfactory
[192.805(c)]	Were span of control limitations being followed?	Satisfactory

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Was a Protocol 9 (Form 15) Completed?		No
[192.614]	Were One Call Notifications performed as required?	Satisfactory
[192.614]	Dig Ticket #	X2530244
<u>General Comment:</u> X2530251, X2530286		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	Not Applicable
<u>General Comment:</u> There was not any repair made by welding to a transmission line.		

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